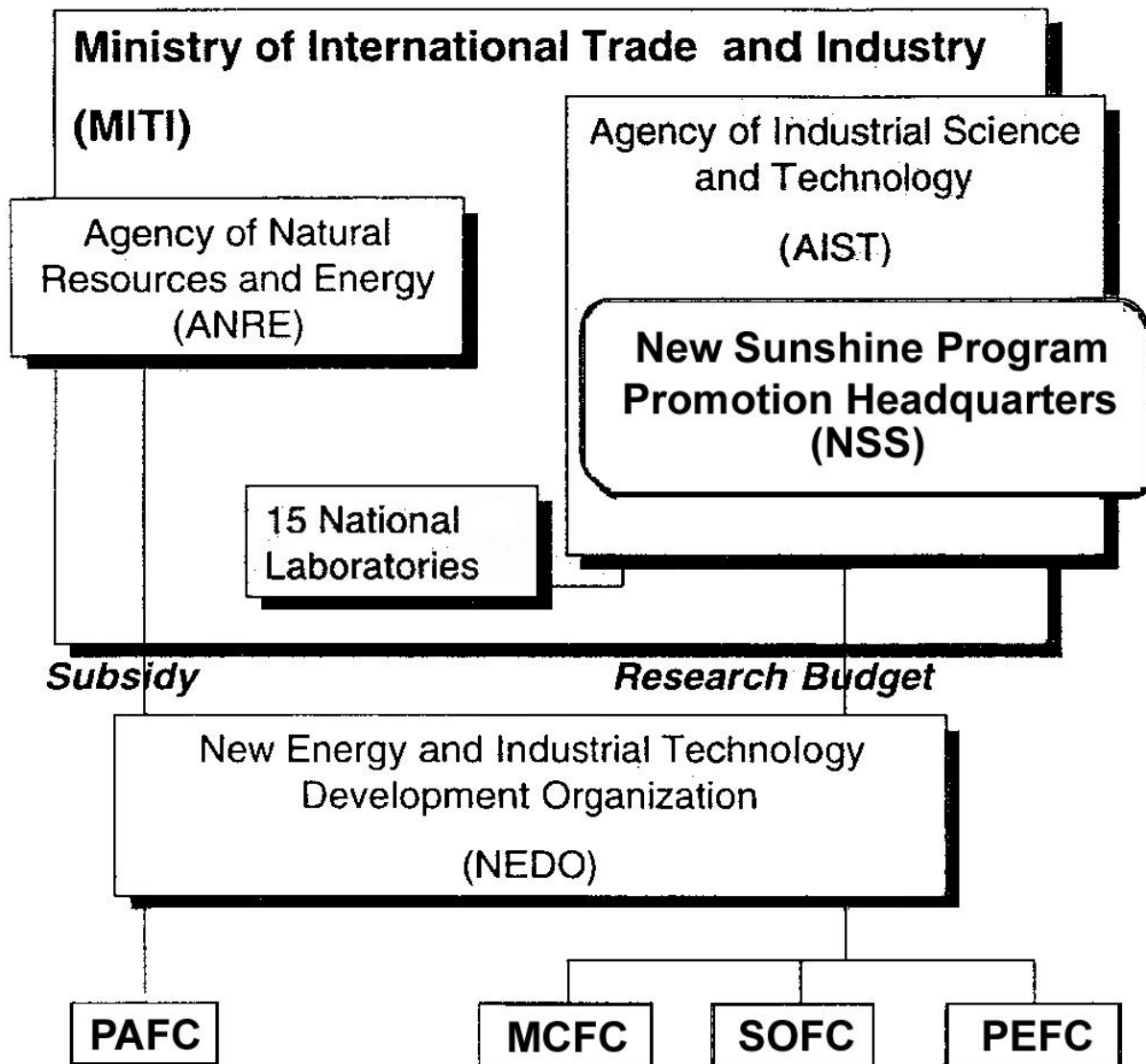


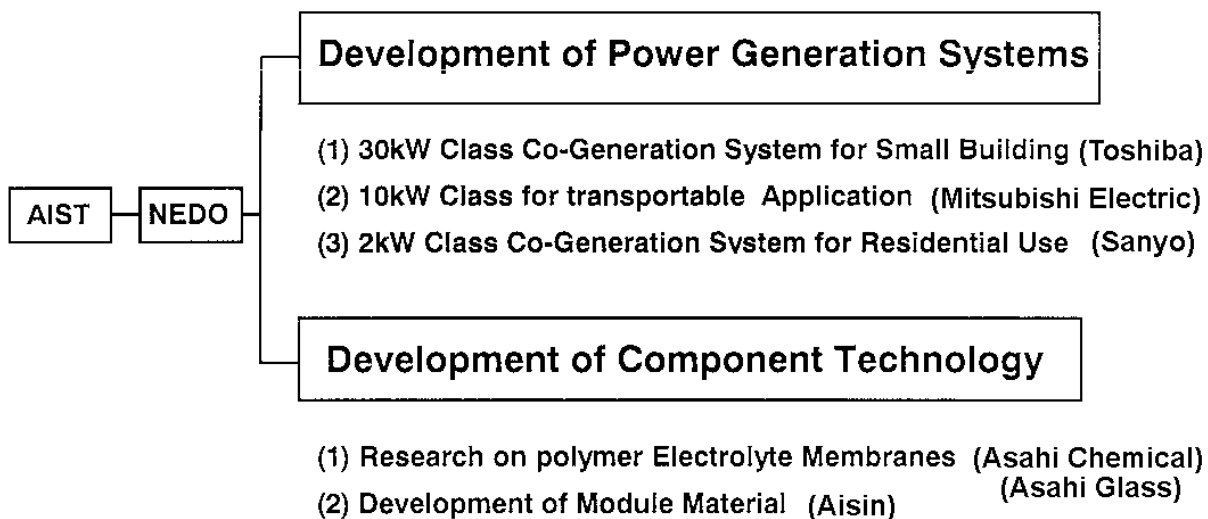
APPENDIX G

FUEL CELL R&D NATIONAL PROJECTS SUPPORTED BY THE JAPANESE MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY AND COORDINATED BY NEDO

Organization of Fuel Cell R&D National Projects



R&D Activities on PEFC (phase II)



PEFC development target (phase II) ~2001 March

	Co-Generation system for small building (Toshiba)	Transportable Application (Mitsubishi Electric)	Co-Generation system for residential use (Sanyo)
Output	30kW	10kW	2kW
Fuel	LNG Propane gas (pressurized)	Methanol (atmospheric)	LNG Methanol (atmospheric)
Performance	350 mA / cm ² 750 mV	500 mA / cm ² 600 mV	300 mA / cm ² 700 mV
Decay	1% / 1,000hours	1% / 1,000hours	1% / 1,000hours

NEDO燃料電池研究開発予算の推移

(Million Yen)
(百万円)

FY	'90	'91	'92	'93	'94	'95	'96	'97	
PAFC	376	742	2,207	1,460	930	900	950	390	ANRE (50%)
MCFC	2,337	3,107	3,683	4,134	4,415	4,420	4,962	4,733	AIST (100%)
SOFC	125	261	274	484	400	410	410	410	AIST (100%)
PEFC	—	—	39	150	234	240	380	380	AIST 98' (100%) 430
TOTAL	2,838	4,110	6,203	6,228	5,979	5,970	6,702	5,913	

